

Potential sources of funding along with associated sustainability possibilities include:

Office of Energy and Defense Center for Coal Technology Research (CCTR)—Test and development support for Fischer-Tropsch (FT) fuels.

DoD Clean Fuels Initiative—this facility will have the capabilities for long-term test operations and data collection.

DARPA BAA—this facility will have the capabilities to conduct development work for Biofuels, a strategic initiative under DARPA.

Rolls Royce—through the Purdue University Technology Center (UTC)

Caterpillar—long-term test operations data.

The Boeing Company—support and development of alternative fuels initiatives underway.

Justification for Use of Tax Dollars:

In an executive act, President Bush has committed U.S. military installations to use green fuels. The Department of Defense is committed to approval of all aircraft for flight on synthetic fuel blends by the end of 2008. Furthermore, Boeing and Virgin intend to fly a green aircraft using bio-fuel. The Civil Aviation Alternative Fuel Initiative developed a roadmap for the integration of new fuel technologies into the aerospace industry. This project will maintain a multi-faceted National Testing Facility to support development and testing of alternative energy sources for aerospace equipment, assisting the Federal government and the private aerospace sector in meeting their green fuel objectives.

Detailed Finance Plan for National Radio Frequency R&D and Technology Transfer Center.

The requested funds will be the only source of funding. Funds will be used as follows:

(Dollars in thousands)

Establish the Center and Participant	
Coordination:	900
Staffing and Training	
Management and Project Oversight	
Identify and Technology to Needs	
Select Projects	
Start First Project:	2,100
Trial of Process	
Develop needed maturity for Transition to Production	
Details of project spending:	
Salaries	1,400
Material	300
Test Equipment and Facility use	400
Start Second Project:	2,000
Proof Process with Lessons Learned	
Develop needed maturity for Transition to Production	
Details of project spending:	
Salaries	1,300
Material	300
Test Equipment and Facility use	400
Total	5,000

Percent and Source of Matching Funds: None.

Justification for Use of Federal taxpayer dollars:

Our Government spends billions of dollars each year on science and technology and research and development. Many groundbreaking technologies never make it to the intended uses simply because it is difficult and time consuming to bridge the funding gaps and acquisition administration requirements. National Radio Frequency (RF) R&D and Technology Transfer Center is intended to facilitate technology transfer to production, to

promote small business initiatives, and to gain higher returns on research dollars.

EARMARK DECLARATION

HON. KENNY C. HULSHOF

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

Monday, September 29, 2008

Mr. HULSHOF. Madam Speaker, consistent with the Republican leadership's policy on earmarks, I am requesting funding for Chemical and Biological—Protective Hangars (CAB-PH) in fiscal year 2009, in H.R. 2638, Department of Homeland Security Appropriations Act, 2008, Continuing Resolution, from account 27 0602786A: Warfighter Technology. The entity to receive funding for this project is Production Products Inc., located at 1285 Dunn Road, St. Louis, Missouri 63138. The funding would be used for the development of Chemical and Biological—Protective Hangars, CAB-PH, for the Army helicopter fleet. I certify that neither I nor my spouse has any financial interest in this project.

I hereby certify that to the best of my knowledge this request (1) is not directed to an entity or program named or will be named after a sitting Member of Congress; (2) is not intended for a "front" or "pass through" entity; and (3) meets or exceeds all statutory requirements for matching funds where applicable. I further certify that should this request be included in the bill, I will place a statement in the CONGRESSIONAL RECORD describing how the funds will be spent and justifying the use of Federal taxpayer funds.

EARMARK DECLARATION

HON. MARIO DIAZ-BALART

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Monday, September 29, 2008

Mr. DIAZ-BALART of Florida. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of H.R. 2638, the Fiscal Year 2009 Consolidated Security, Disaster Assistance, and Continuing Appropriations Act.

CENTER FOR OPHTHALMIC INNOVATION

Requesting Member: Representative MARIO DIAZ-BALART (FL-25).

Bill Number: H.R. 2638, Report 110-181.

Account: RDT&E.

Legal Name of Requesting Entity: University of Miami.

Address of Requesting Entity: 1252 Memorial Dr, Ashe Administrative Building Room 230, Coral Gables, FL 33146.

Description of Request: I received an appropriation of \$2,400,000 for the Center for Ophthalmic Innovation at the Bascom Palmer Eye Institute. This funding will be used to help develop new modalities of treatment and ensure direct treatment of military personnel through the development of relevant ophthalmic telemedicine initiatives. This funding will aid the Center in continuing research on advanced ocular imaging technology enabling more accurate diagnosis of hereditary retinal disease, better monitoring of treatments for wet and dry

macular degeneration, rapid and cost-effective screening for diabetic retinopathy, better evaluation of refractive surgical outcomes, and the ability to qualify dry eye disease. Additionally, the Center is developing new operational systems for ophthalmic telemedicine to bring high quality eye disease screening to military personnel as well as every United States citizen. Eye health is vitally important to the Department of Defense as active military personnel must have perfect visual acuity to carry out their duties effectively. At least 16 percent of war casualties are due to eye trauma, and millions of retired military personnel suffer from age-related eye disease.

SPENDING PLAN

Imaging and Telemedicine—\$445,205.

Prevention and Restoration—\$454,797.

Eye Disease Project Prevention—\$245,853.

Minor equipment and supplies—\$120,945.

Total Direct Cost—\$1,266,799.

Indirect Costs—\$653,201.

TATRAC 20 percent—\$480,000.

Grand Total—\$2,400,000.

DUAL-USE TECHNOLOGIES FOR BIO-DEFENSE

Requesting Member: Representative MARIO DIAZ-BALART (FL-25).

Bill Number: H.R. 2638, Report 110-181.

Account: DTRA.

Legal Name of Requesting Entity: Florida Gulf Coast University.

Address of Requesting Entity: 10501 FGCU Blvd. South, Fort Myers, FL 33965-6565.

Description of Request: I received an appropriation of \$1,200,000 for the Dual Use Technologies for Bio-Defense: Drug Design and Delivery of Novel Therapeutics project. This funding will be used to continue the project which focuses on state-of-the-art research on technologies to treat bio-threat agents and develop methods of bio-defense for combat and civilian use. Scientists at Florida Gulf Coast University, FGCU, are utilizing a library of novel small molecule chemistries that have a high and selective binding affinity for a broad range of bio-threat agents. There is a critical need for new technologies that can be used for the treatment and inactivation of bio-threat agents and pathogens important to bio-defense efforts. Viruses and other pathogens can be attacked either externally while they are being transmitted between host cells or internally once they have infested a host cell and are actively replicating. New technologies developed at FGCU have the promise to revolutionize drug targeting by using molecular methods to design novel therapeutic molecules and by using physical methods to deliver drugs to the specific site. These technologies can be used to overcome one of the primary limitations of modern pharmacology, the inability to specifically target therapeutic molecules, and have applications for infectious diseases, cancer aging, and cardiopulmonary diseases.

SPENDING PLAN

Personnel—\$600,000.

Equipment—\$100,000.

Supplies—\$180,000.

Travel—\$20,000.

Indirect—\$300,000.

Grand Total—\$1,200,000.

JACKSON HEALTH CENTER

Requesting Member: Representative MARIO DIAZ-BALART (FL-25).

Bill Number: H.R. 2638, Report 110-181.

Account: RDT&E.